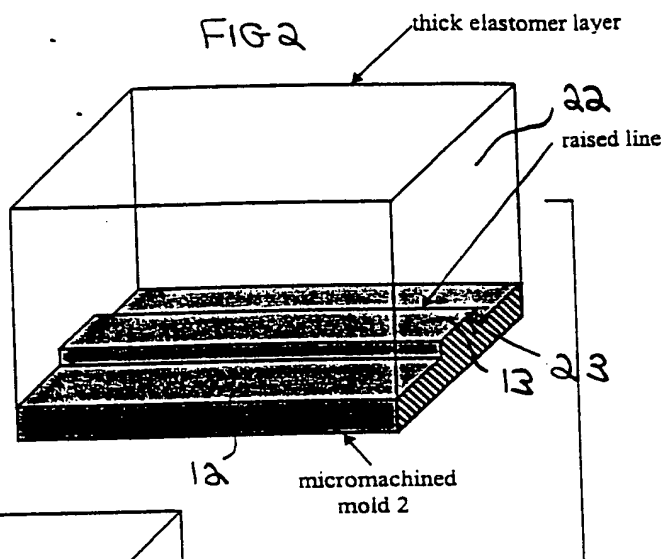
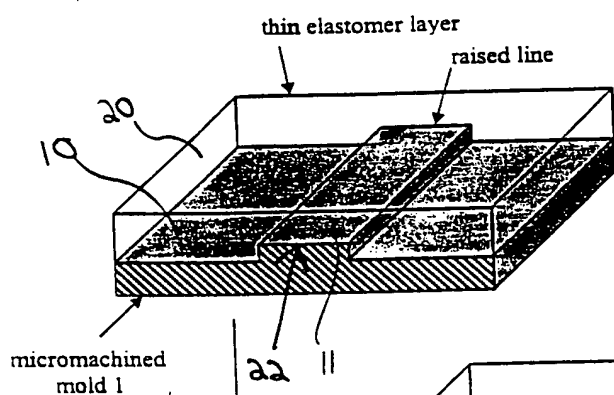
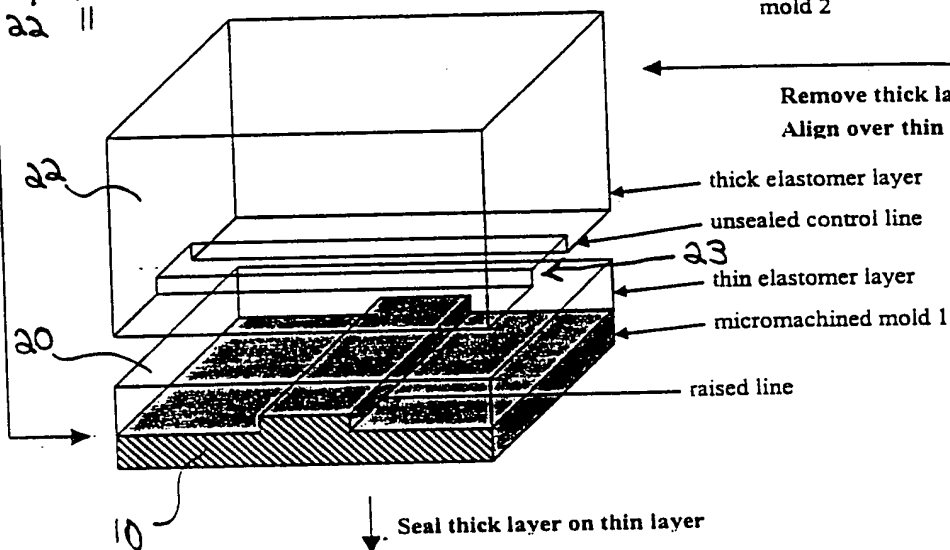


### Figure 1

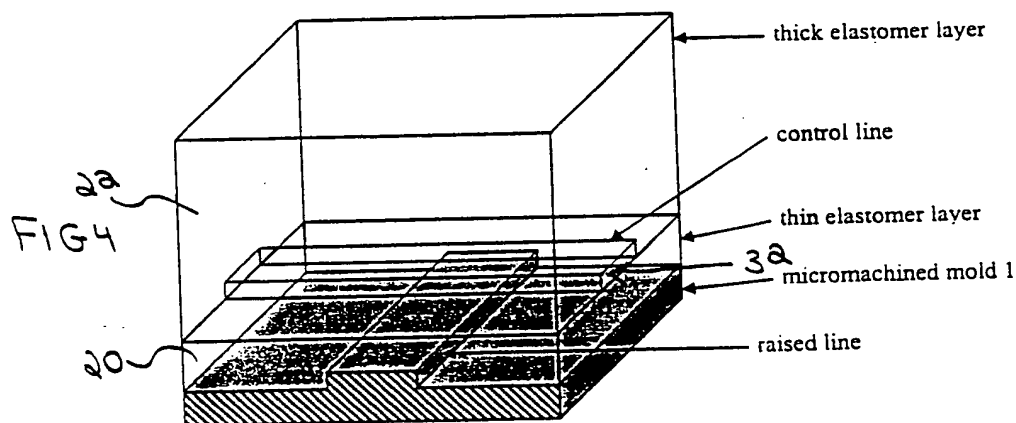


**Remove thick layer from mold**  
**Align over thin layer**

FIG3



### Seal thick layer on thin layer



### Bond elastomer layers

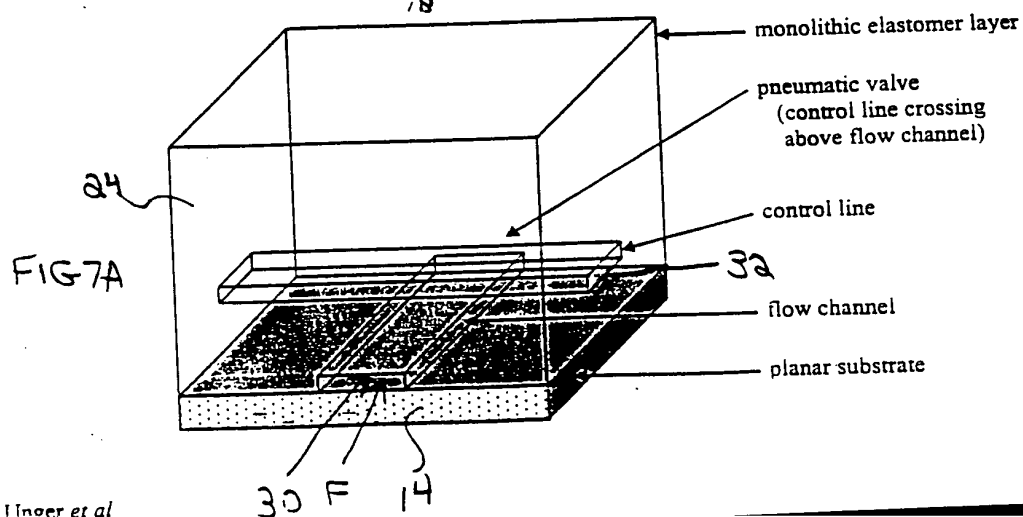
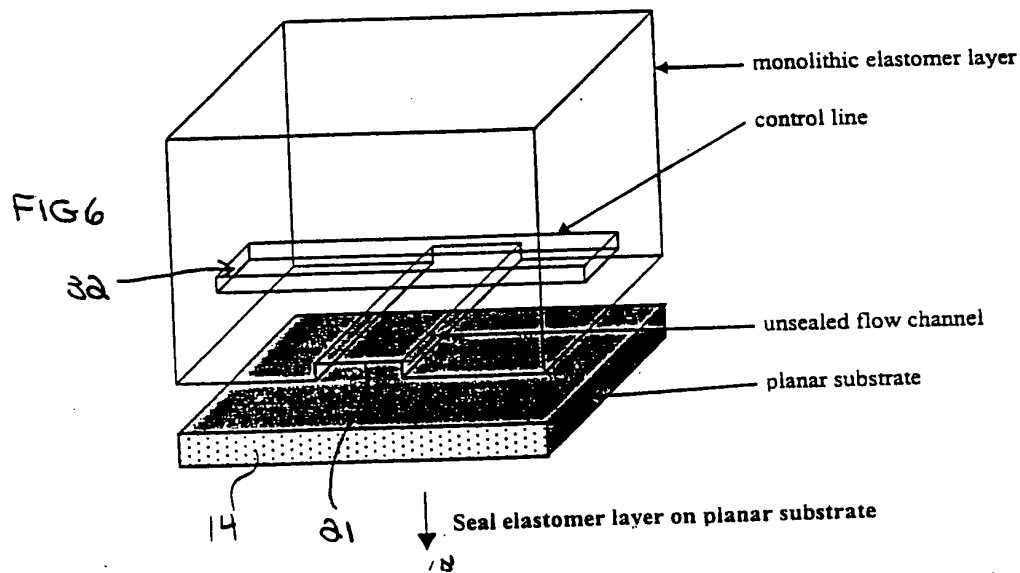
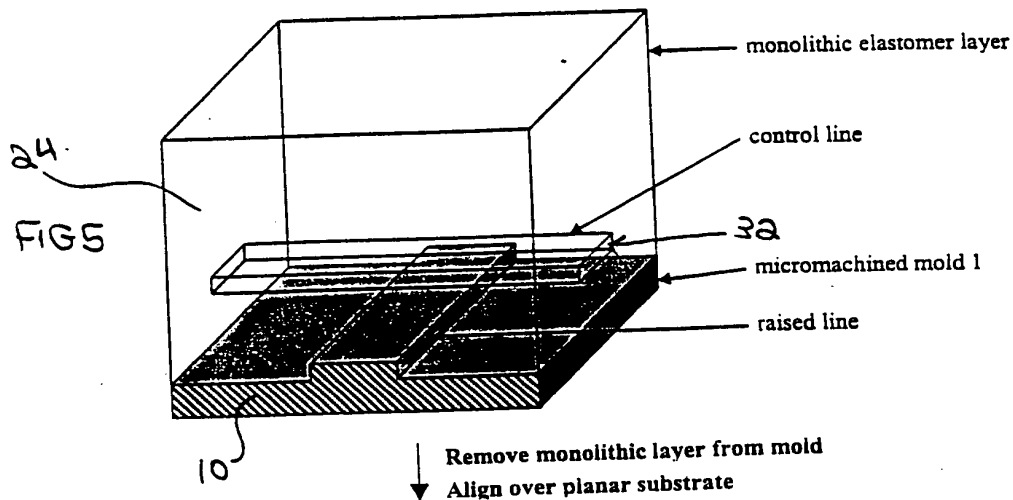


FIG 7B

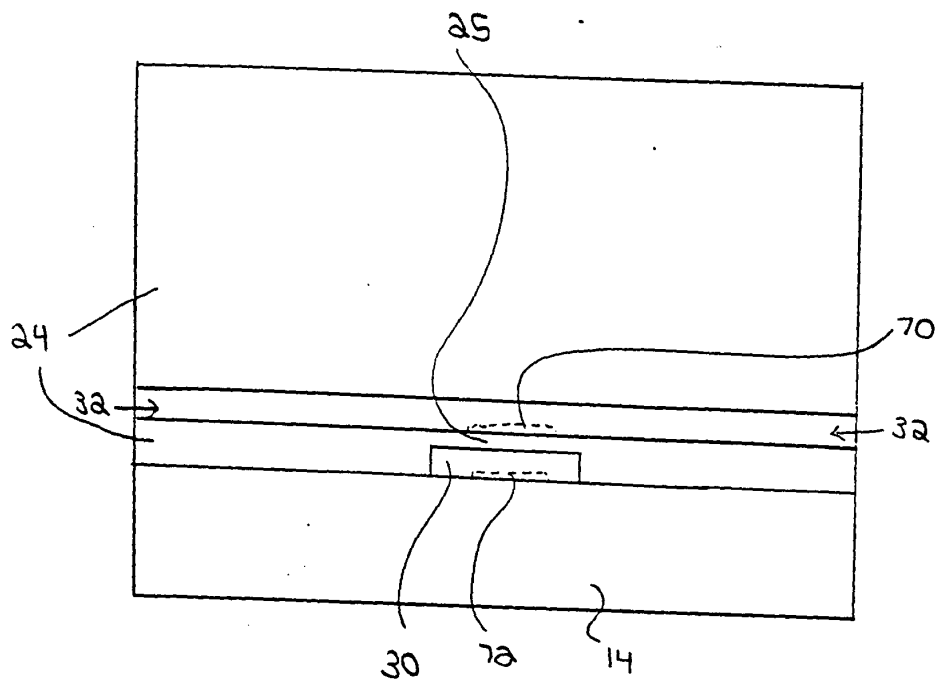


FIG 7C

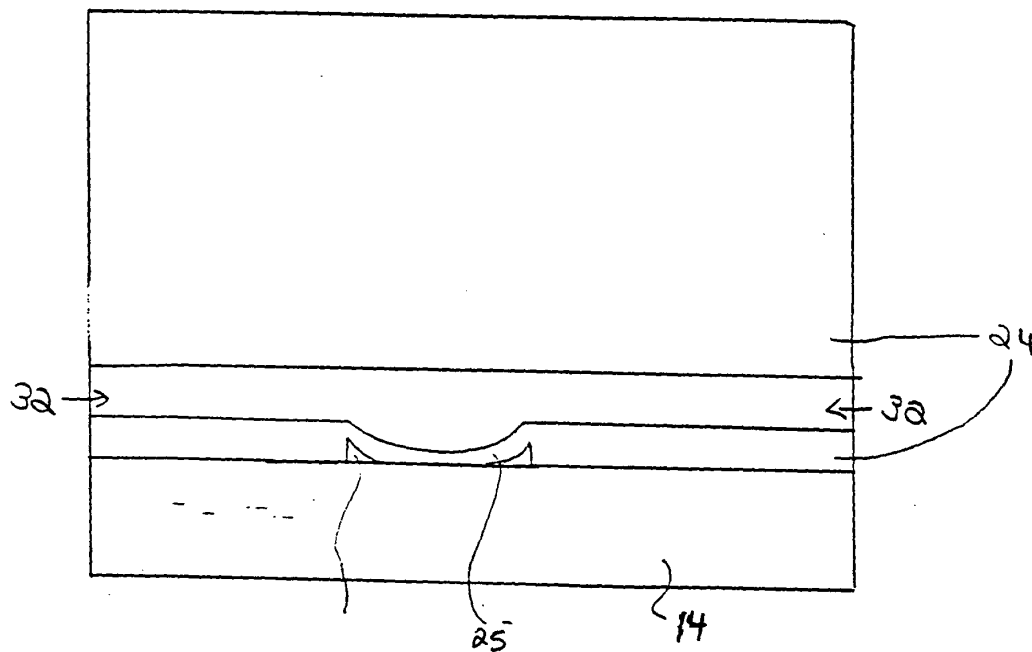
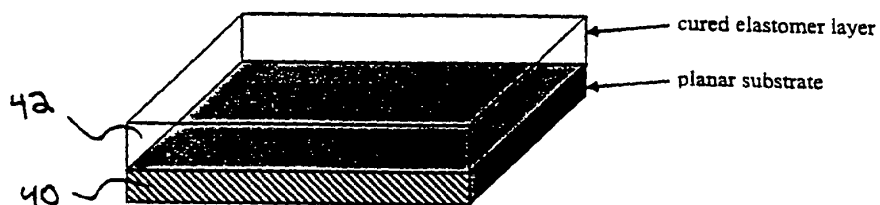
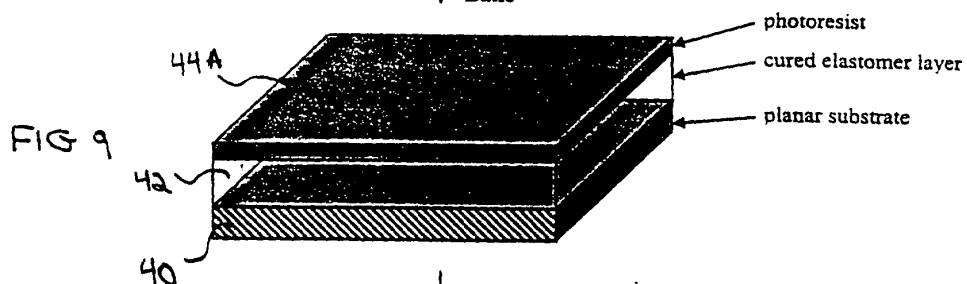


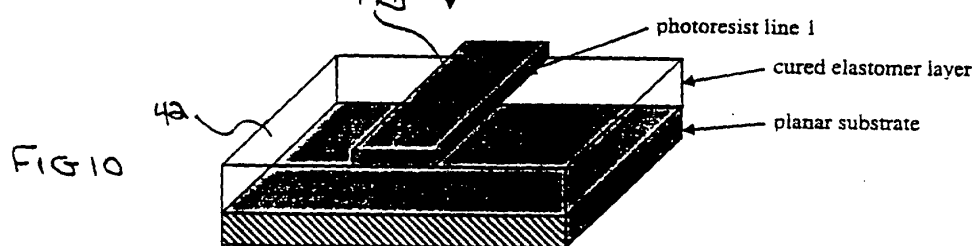
Figure 8



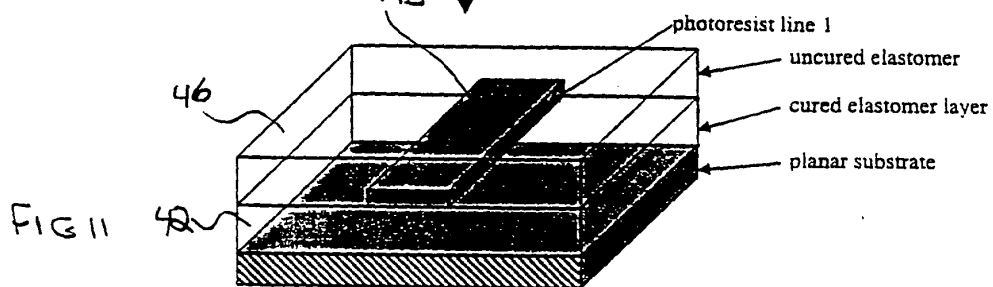
Spincoat photoresist  
Bake



Pattern photoresist (expose, develop)

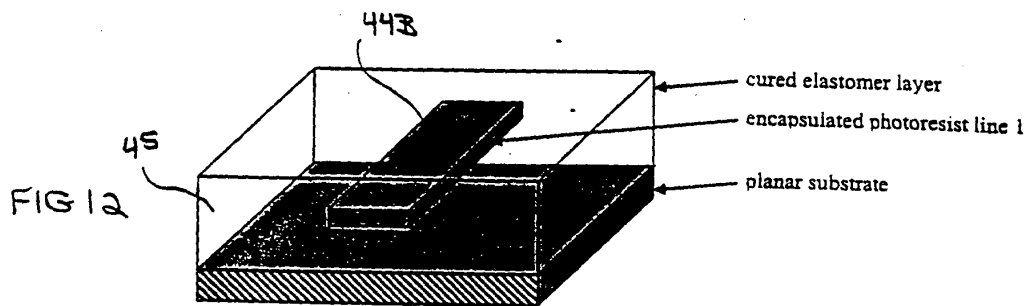


Spincoat elastomer

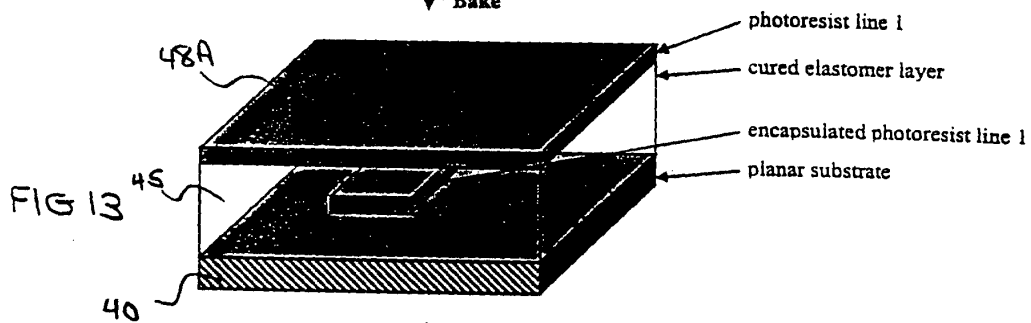


Cure elastomer

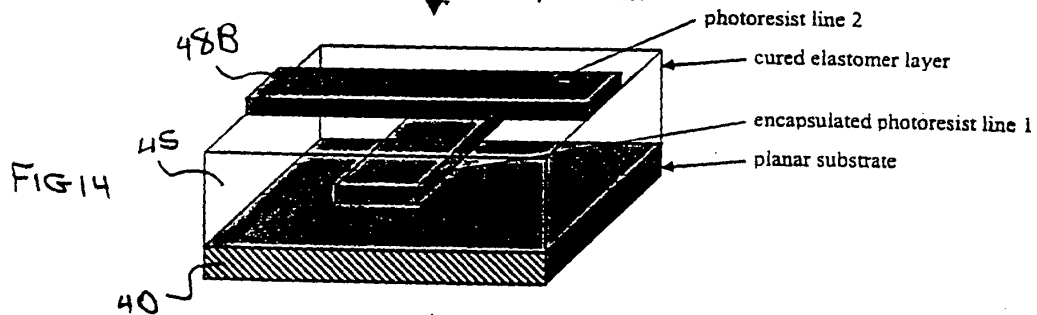
009071-2220260



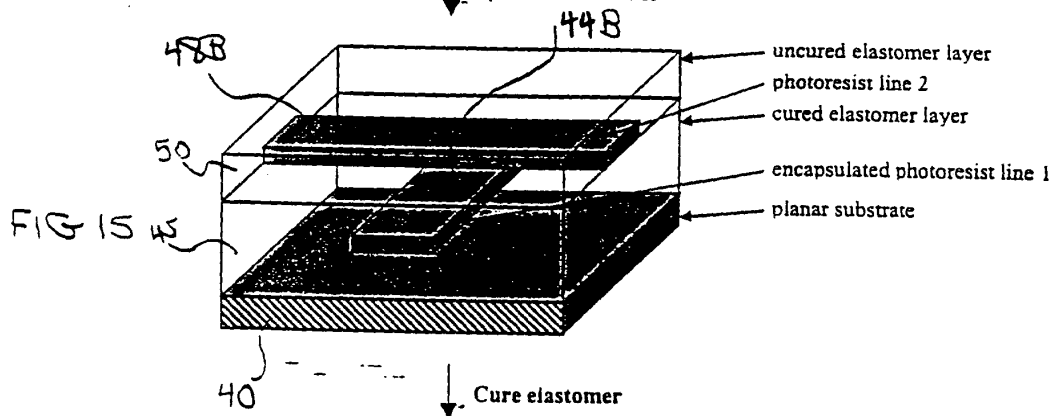
Spincoat photoresist  
↓  
Bake



↓  
Pattern photoresist



↓  
Spincoat elastomer



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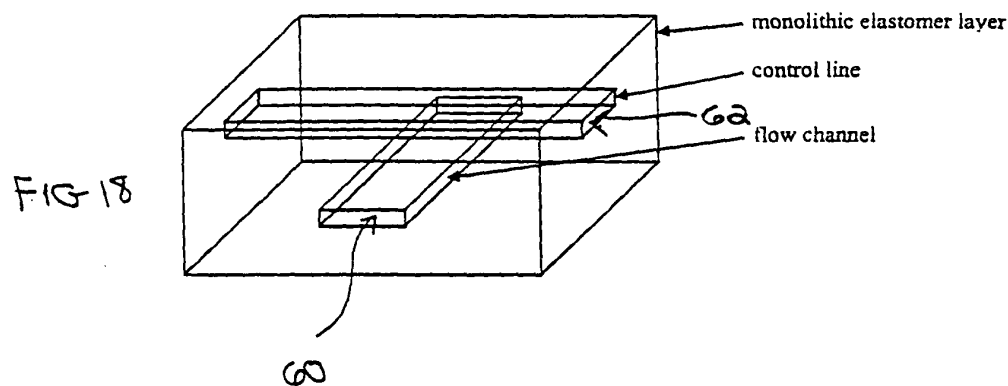
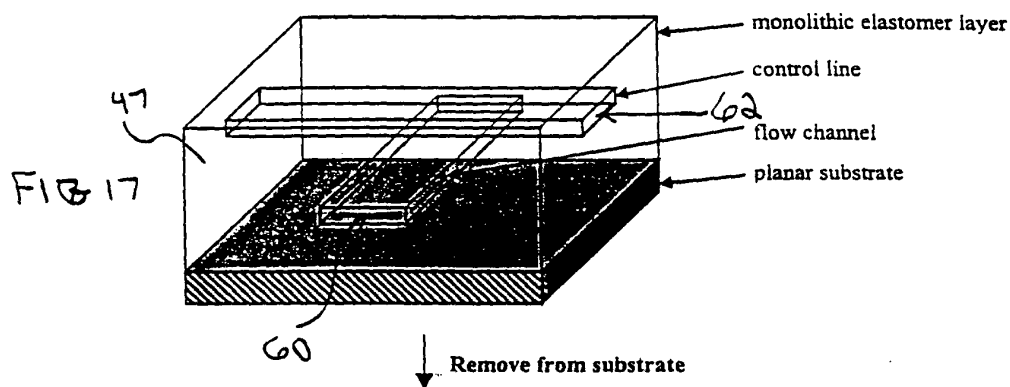
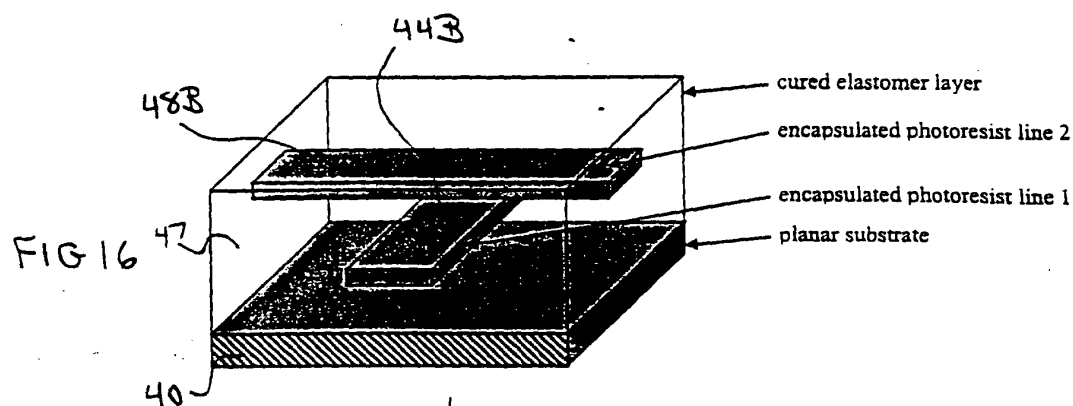
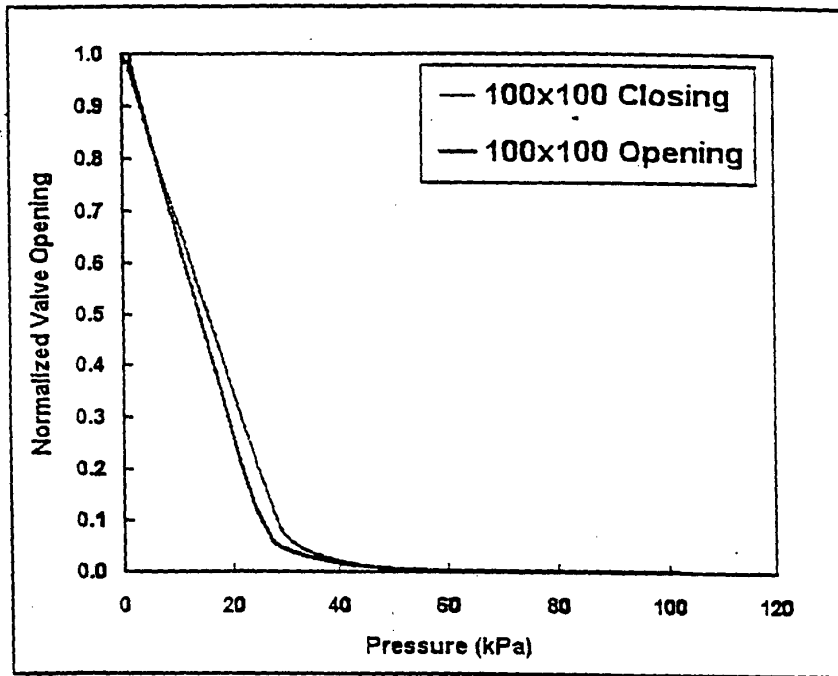
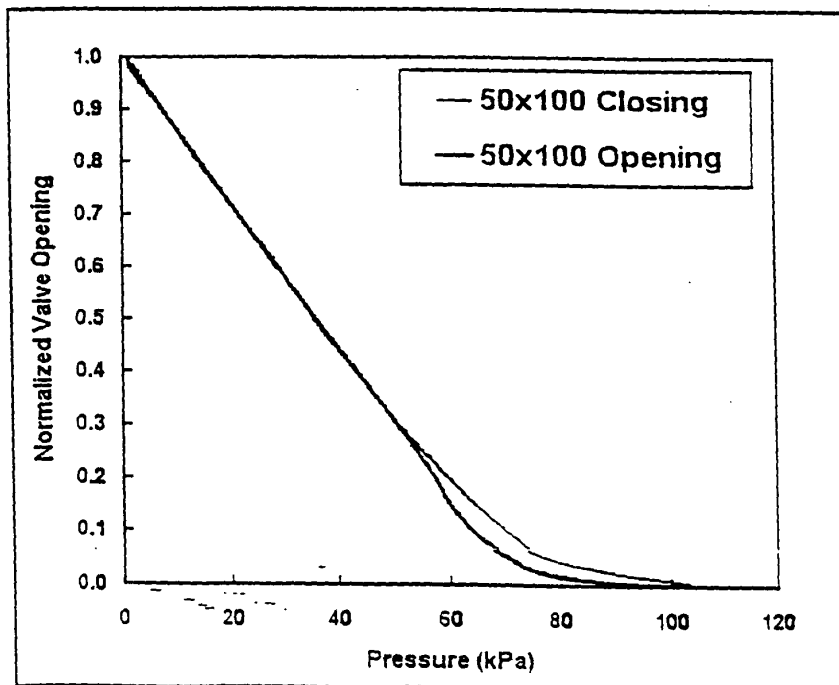


FIG 19



(a).



(b).

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Fig 20

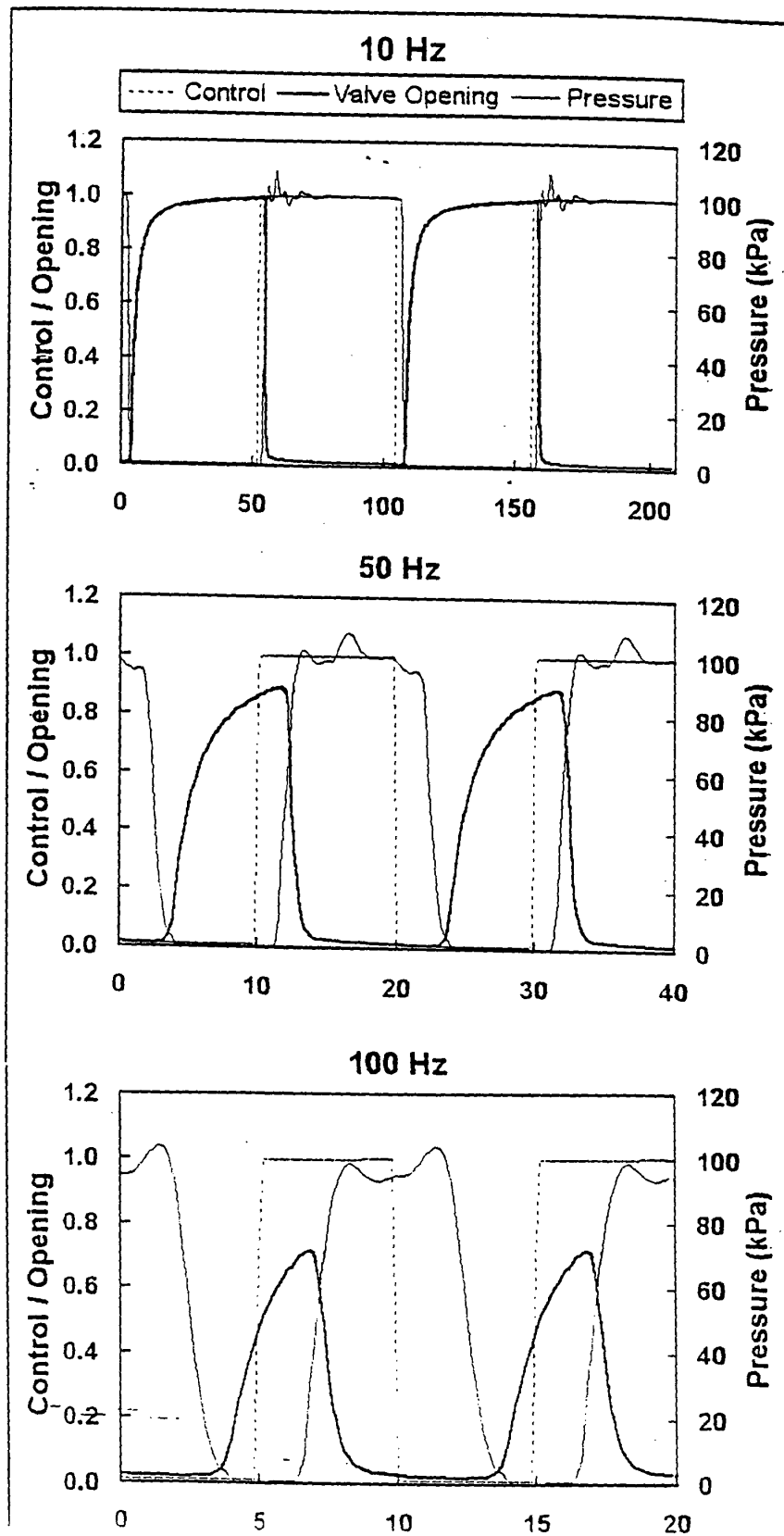
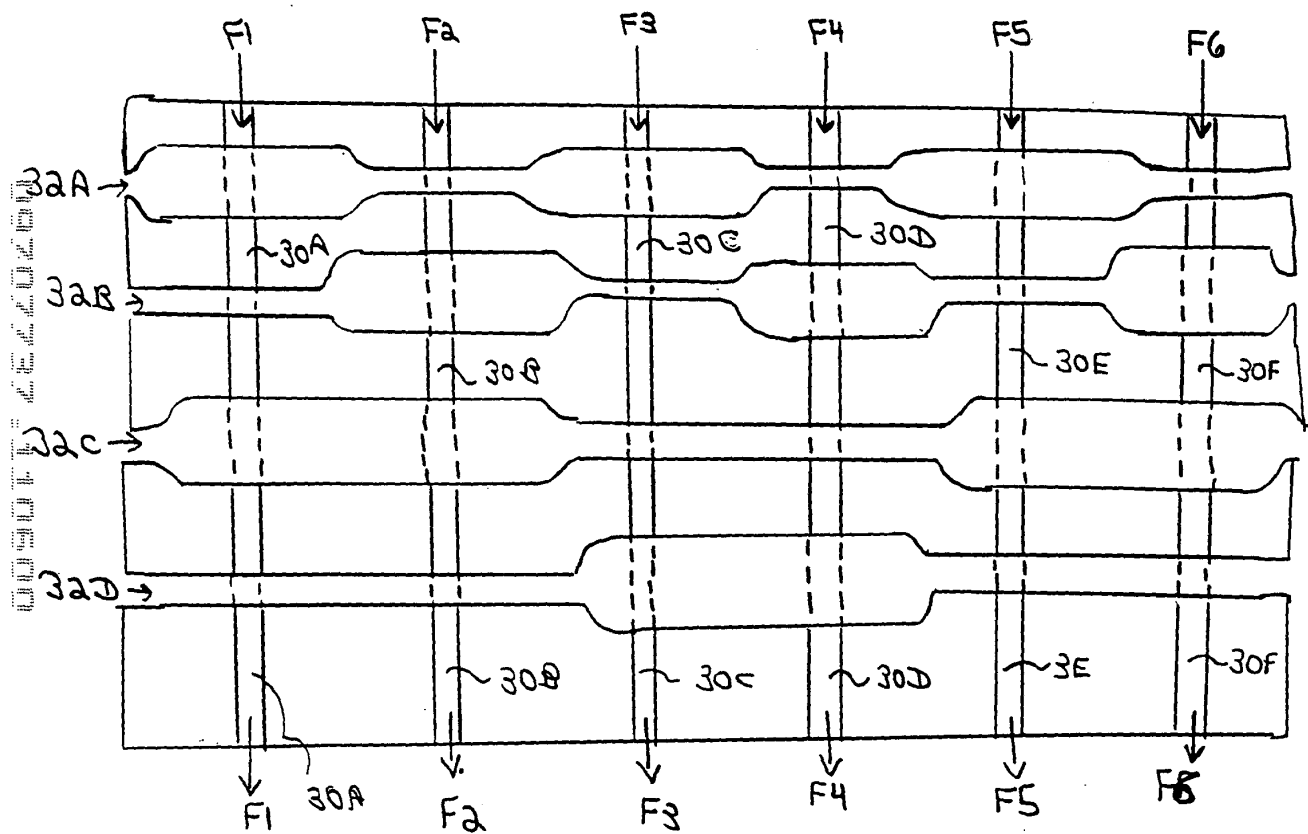




FIG. 21



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FIG 22A

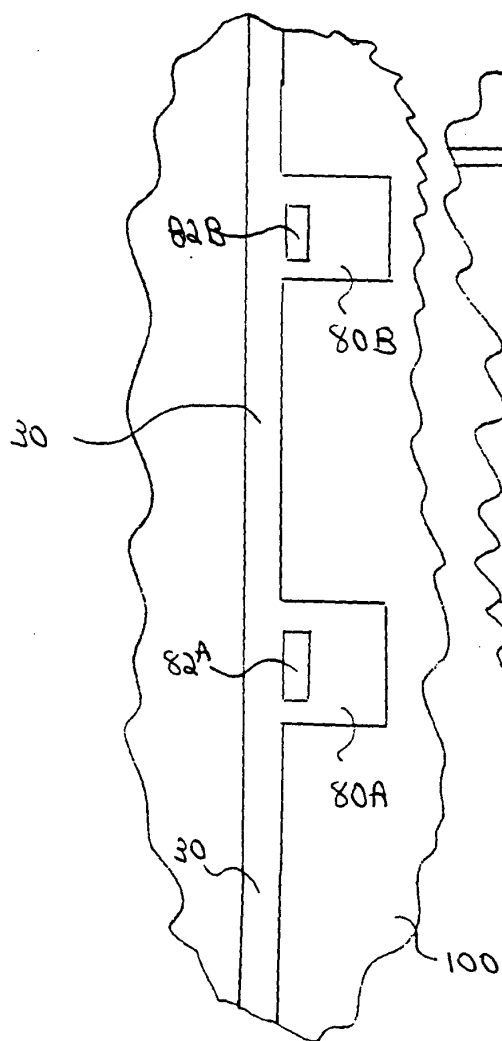
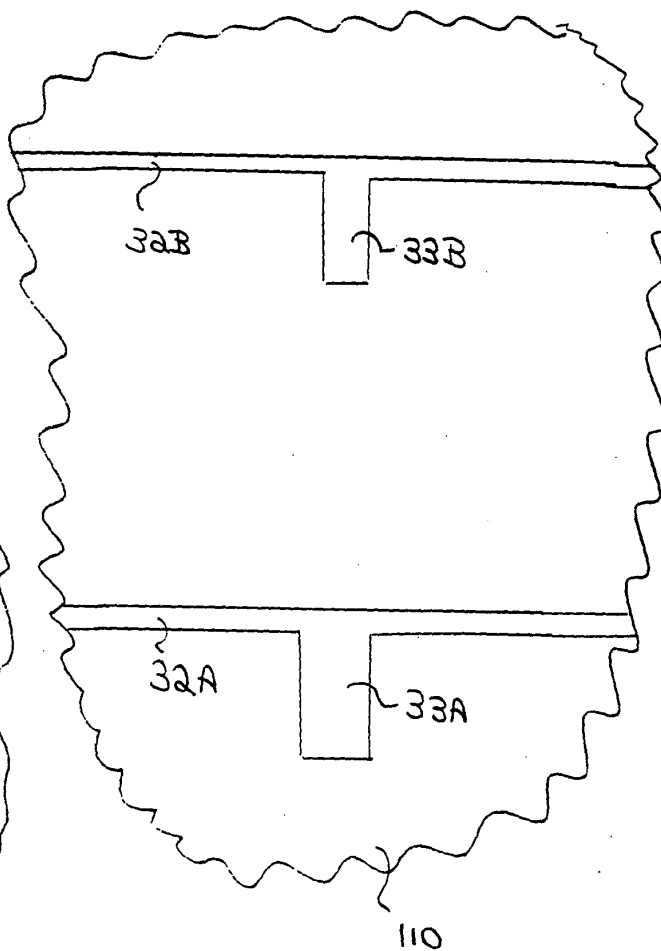
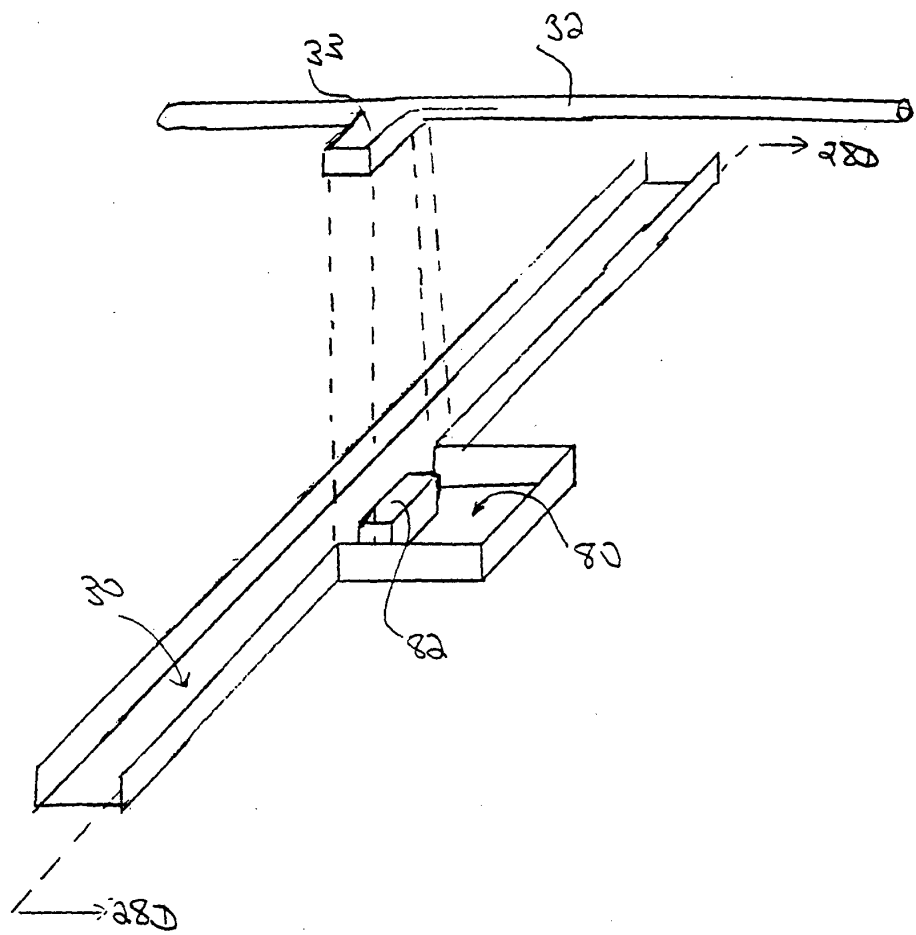


FIG 22B



00907-2220200

FIG 22C



1990

[illegible]

009011 2E20200

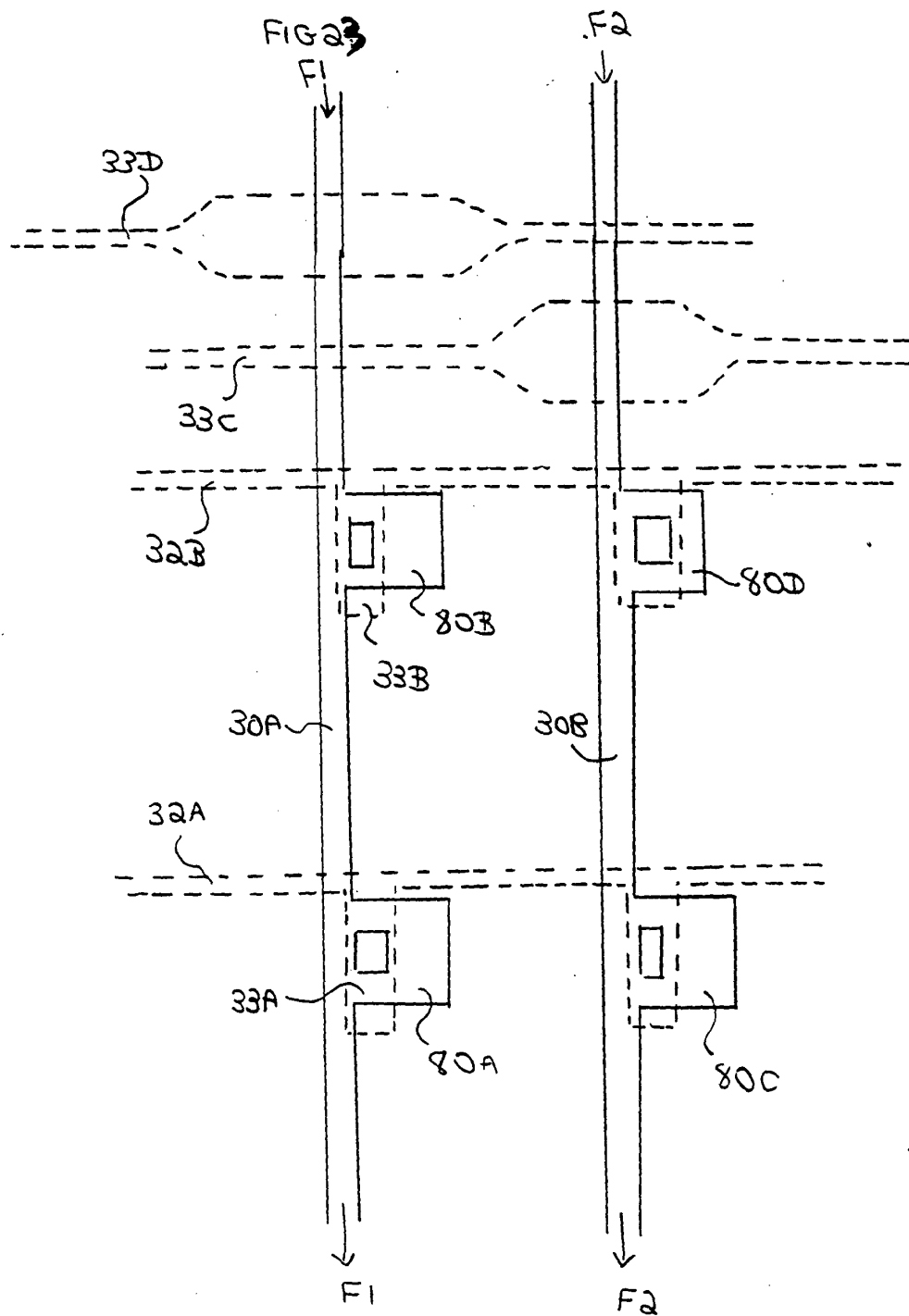
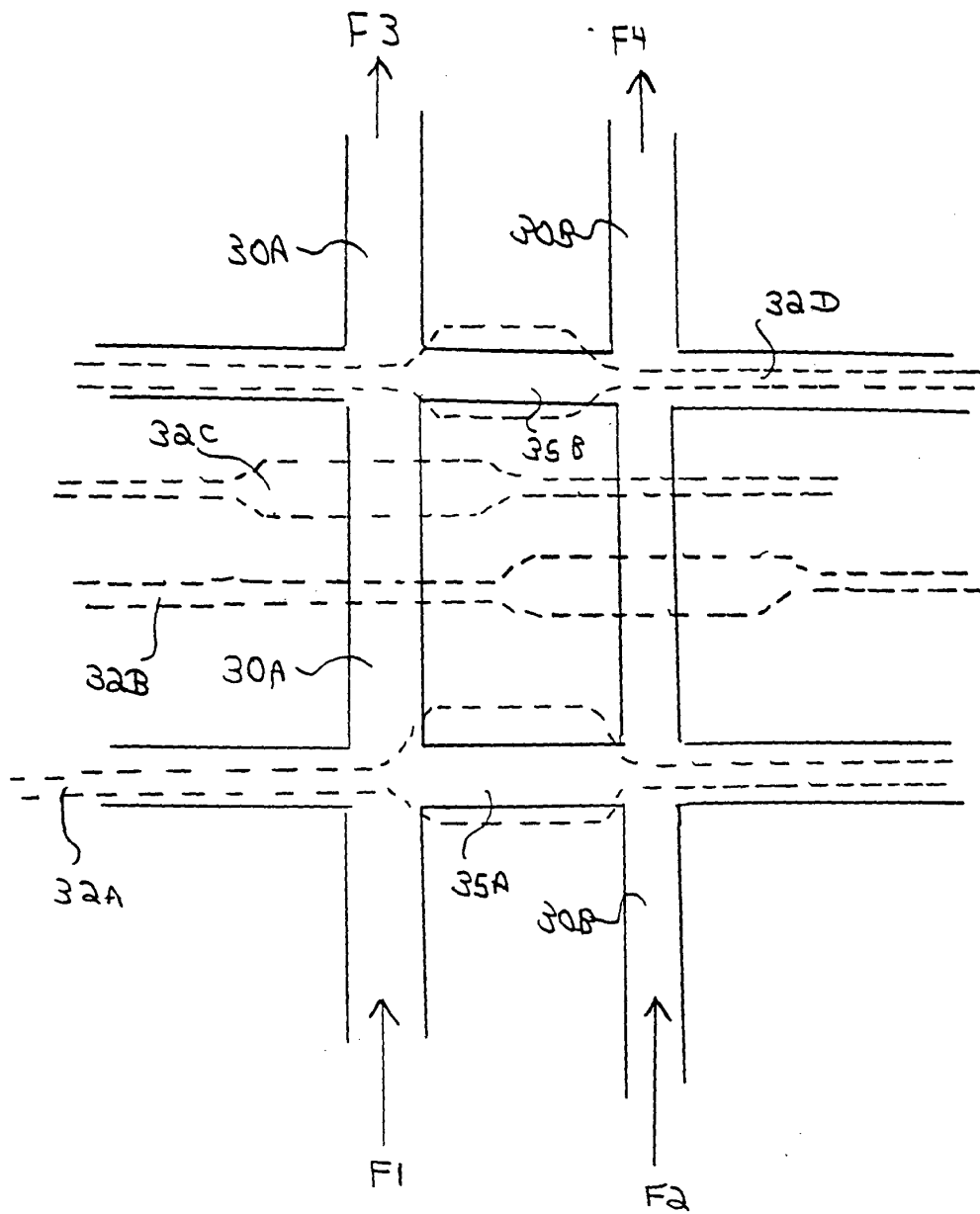
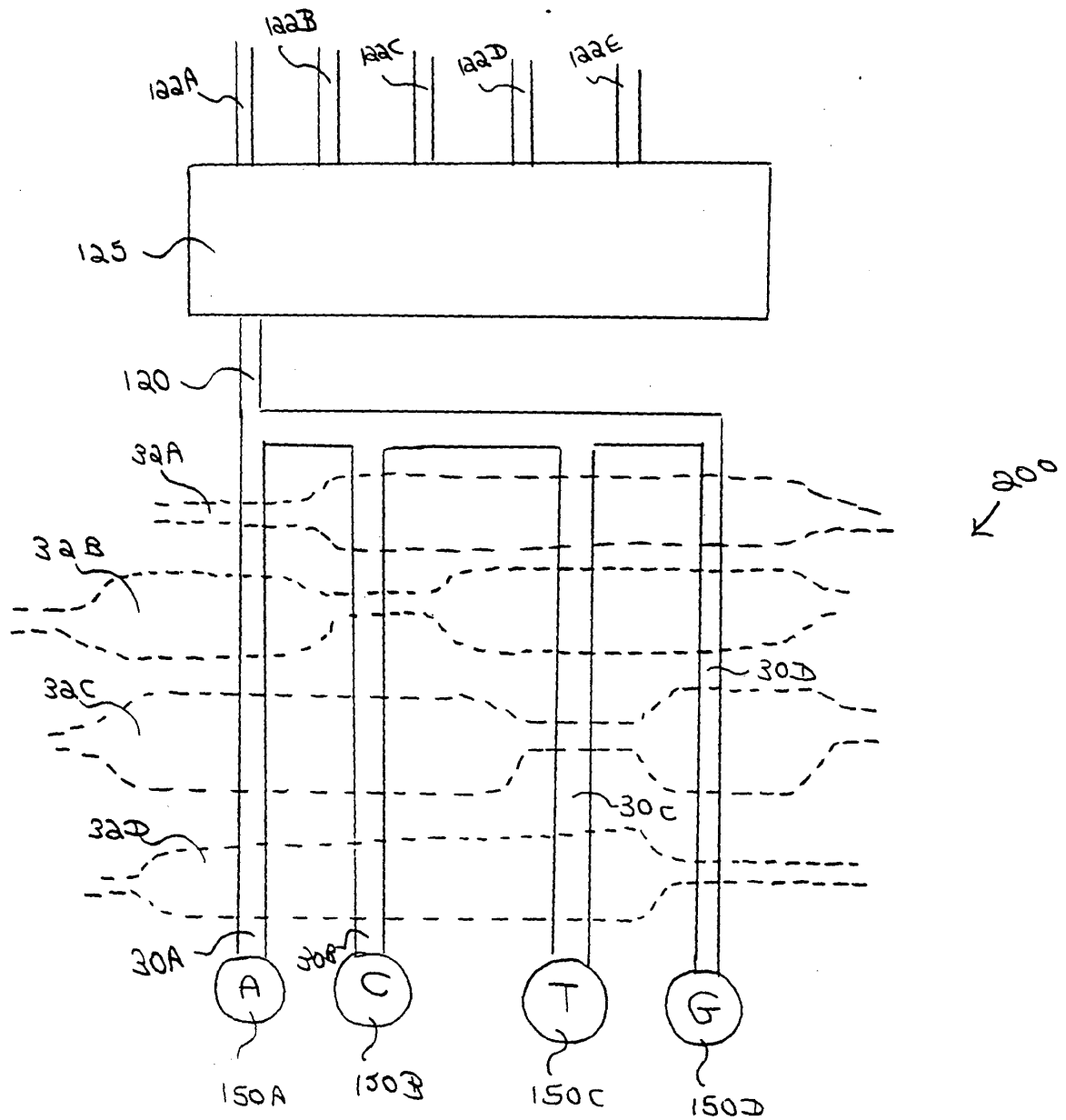


FIG 24



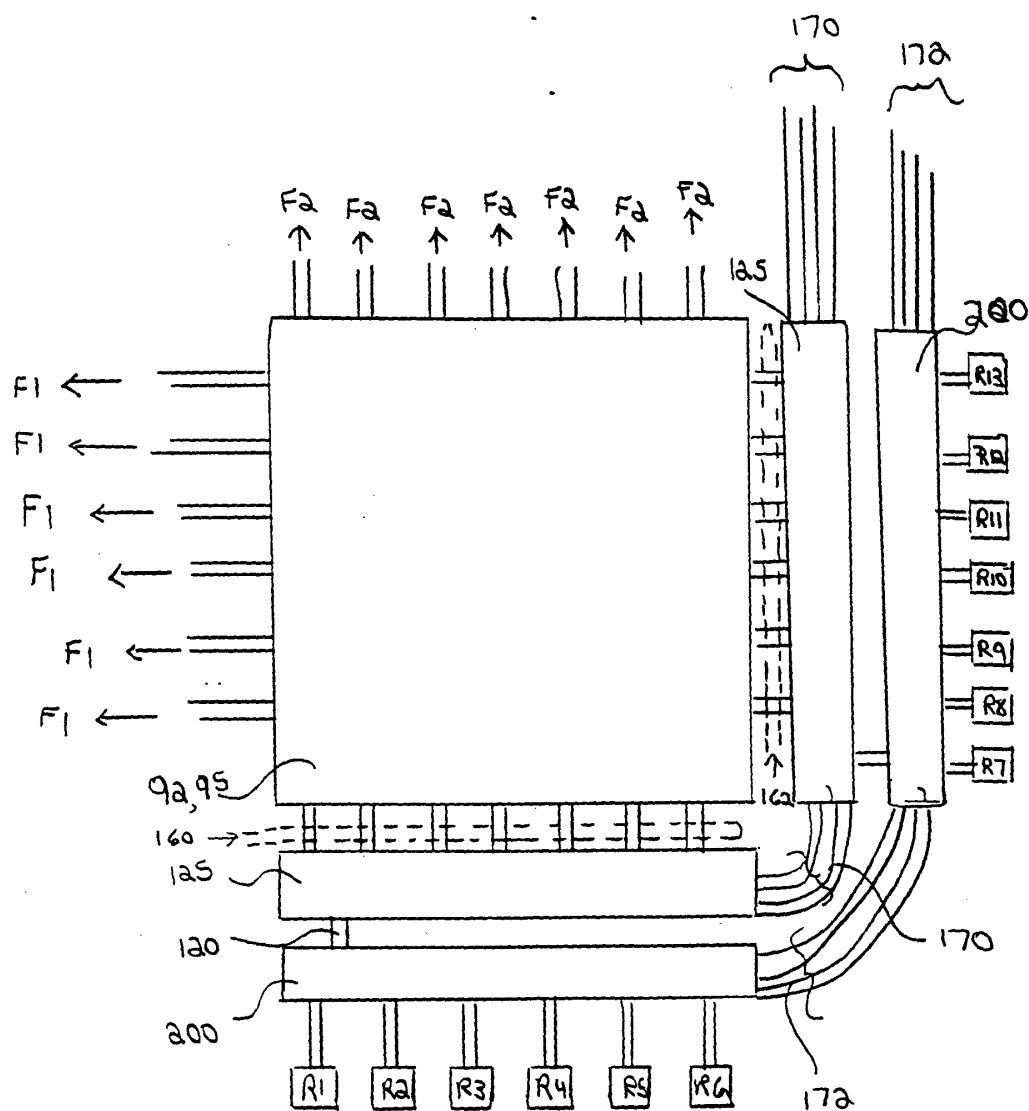
009011 2E20260

FIG. 25



009011-2E600600

FIG 26





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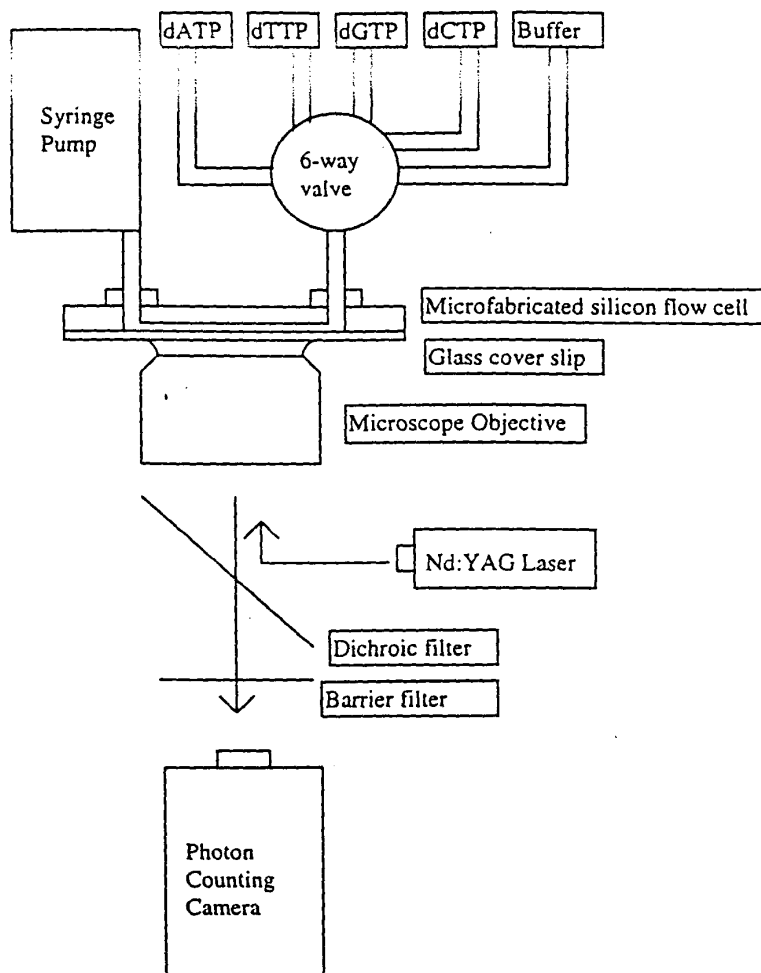


FIG 27